



170W DBL Series LED Driver

Features:

- * DC wide range input (12 to 48Vdc)
- * Protections: Short circuit/Over current auto recovery
- * Over voltage/Over temperature power reset
- * Constant current design (C.C.mode)
- * Multiple dimming functions
- * Output voltage automatic tracing & fixing function
- * IP65/IP67 Design for indoor and outdoor use
- * Suitable for LED and street lighting applications
- * Certified with UL, TUV, CE, FCC, CQC



Input	
Voltage (Vdc)	22.8 - 50.4
Inrush Current (Typ.)	150A peak @48Vdc, Cold Start

Output	
Output Current Tolerance	± 5%
Ripple & Noise	1Vp-p
Output Ripple Current	± 5%
Line Regulation	± 1%
Turn-on Time	<0.5s @12Vdc /24Vdc, @ full load

Electrical	
EMI	Meet EN 55015, EN 61000-3-2, EN 61000-3-3, FCC Part18, CNS 14115, GB 17743
EMS	Meet EN 61547, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11, GB 17625.1
Protection	Short Circuit, Over Current, Over Voltage & Over Temperature Protections
MTBF	350Khrs min. MIL-HDBK-217F(25°C)

Environmental	
Operating Temperature	-40 to +70 degree celsius
Storage Temperature	-40 to +85 degree celsius
Operating Relative Humidity	10 to 95% RH
Storage Relative Humidity	10 to 95% RH

Safety	
Certified with UL, TUV, CE, FCC, CQC	

Mechanical	
Dimension	170 * 63 * 40mm (L*W*H)
Weight	730 gram

PART NUMBER	OUTPUT VOLTAGE (Vdc)	OUTPUT CURRENT (mA)	WATTAGE (W)
DBL-170-0700	115 - 165	700	100
DBL-170-1400	70 - 120	1400	120
DBL-170-3150	42 - 75	3150	140
DBL-170-4200	30 - 45	4200	170